

Microprocessor controller (with timing function)

Summary:

Widely applicable for researches on bacteria cultivation, fermentation, hybridization, chemical and biochemical reaction, enzymes and tissues research, which have a high requirement on precision of shaking speed and temperature.

Features:

- Large LCD screen to display more data at same time.
- Stainless-steel chamber and platform, easy to clean.
- Big observation windows.
- Microprocessor controller for temperature and shaking speed with timing function.
- Self-check function easy to identify problems.
- Smooth start and stop system prevents liquid spillage.
- Auto-controller of fan speed to prevent damage to the samples.
- Safety door switch, auto pause operation when door is opened.
- R134a refrigerant, imported compressor and fan motor.
- High effective filter provides filtration of bacteria and dust.
- Temperature-limiting alarm system, auto switch off when over-temperature.
- RS485 connector can connect computer record and inspect the parameters and the variations of temperature. (option)
- Maintenance-free DC Brushless motor, easy to clean.



Specifications

Model	THZ-103B	THZ-100	THZ-300	THZ-300C
Electrical Requirement	220V 50Hz			
Shaking Speed Range	40~250r/min	40~300r/min		
Amplitude	20mm			
Temperature Range	RT+5~65℃			4~65℃ (Ambient temp-20℃)
Display Resolution	0.1℃			
Power Consumption	450W	650W	1000W	1300W
Platform Size	280×280	350×350	450×450	
Default Platform	Spring wire racks			
Timing Range	0~5999min			

Platform used for flask clamp and tube holder. Maximum of flask clamp (Monolayer)

Model		WSZ-20A	WSZ-50A HZQ-50H	WSZ-100B	WSZ-200A	THZ-103B	THZ-100	THZ-300 THZ-300C
Flask(pc)	50ml	16	16	29	49	16	36	49
	100ml	9	12	18	36	9	23	36
	250ml	8	8	11	18	8	13	18
	500ml	4	4	7	16	4	8	16
	1000ml	-	2	4	9	-	4	9
	2000ml	-	-	3	4	-	-	4

Options:

- Programmable Temperature Controller
- Controller board and printer(Nested)
- Independent temperature-limiting alarm
- RS485 connector and software